

TWO TIER HI-SPEED WIRELESS COMMUNICATION LINK

ABSTRACT OF THE DISCLOSURE

A system and method for communicating between a plurality of remote transceivers and a network is discussed including multiple types of serially-connected communication links, upon which data flows are established to communicate information between the remote transceivers and network. A hub is coupled to one end of a hardwired communication link while an access unit is coupled to the other end. In addition to supporting communications on the hardwired link, the hub supports communication with the plurality of remote transceivers over a wireless link of a first type. The access unit at the other end of the hardwired link is in further communication with a base station over a wireless communication link of a second type, while the base station is in further communication with the network. Based on this topology, data flows over this string of interconnected communication media support information transfers between the plurality of remote transceivers and the network.